	Document ID	Issue Date	Pages	Title	Current OR
1	US 20040165641 A1	20040826	30	Optical transmitter comprising a stepwise tunable laser	372/97
2	US 20040022179 A1	20040205	16	Wireless communication system having error-control coder and linear precoder	370/207
3	US 20040008729 A1	20040115	122	Method and apparatus for data transfer using a time division multiple frequency scheme with additional modulation	370/478
4	US 20030202537 A1	20031030	121	Method and apparatus for data transfer using a time division multiple frequency scheme supplemented with polarity modulation	370/478
5	US 20030086366 A1	20030508	115	Adaptive communications methods for multiple user packet radio wireless networks	370/208
6	US 20030072382 A1	20030417	56	Spatio-temporal processing for communication	375/267
7	US 6888899 B2	20050503	48	Spatio-temporal processing for communication	375/299
8	US 6731692 B1	20040504	18	Symbol encoding and decoding architecture for trellis-coded modulation in gigabit ethernet	375/286
9	US 6711203 B1	20040323	27	Optical transmitter comprising a stepwise tunable laser	372/92
10	US 6614861 B1	20030902	13	Method and apparatus for higher dimensional modulation	375/347
11	US 6611546 B1	20030826	27	Optical transmitter comprising a stepwise tunable laser	372/92
12	US 6587512 B1	20030701	17	Apparatus and methods for combined precoding and shaping generating an uncorrelated sequence of samples	375/296
13	US 6452981 B1	20020917	50	Spatio-temporal processing for interference handling	375/299
14	US 6411224 B1	20020625	19	Trellis codes for transition jitter noise	341/59

	Current XRef	Inventor
1	372/96	Garnache, Arnaud et al.
2	370/310	Giannakis, Georgios B. et al.
3	370/480	Rogerson, Gerald D. et al.
4	370/203	Rogerson, Gerald D. et al.
5	375/150	Branlund, Dale A. et al.
6		Raleigh, Gregory G. et al.
7	375/296; 375/347; 375/349	Raleigh; Gregory G. et al.
8	375/264; 375/265; 375/287; 375/340; 375/342; 714/792; 714/794	Bhoja; Sudeep
9	372/45	Garnache; Arnaud et al.
10	375/267	Terry; John et al.
11		Garnache; Arnaud et al.
12		Reuven; Ilan et al.
13	375/296; 375/347; 375/349	Raleigh; Gregory G. et al.
14	714/792	Wilson; Bruce A. et al.

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15	US 6377631 B1	20020423	48	Transmitter incorporating spatio-temporal processing	375/299
16	US 6298370 B1	20011002	173	Computer operating process allocating tasks between first and second processors at run time based upon current processor load	718/102
17	US 6192087 B1	20010220	20	Method and apparatus for spectral shaping in signal-point limited transmission systems	375/296
18	US 6181729 B1	20010130	35	Spread spectrum communication	375/130
19	US 6179489 B1	20010130	173	Devices, methods, systems and software products for coordination of computer main microprocessor and second microprocessor coupled thereto	718/102
20	US 6144711 A	20001107	49	Spatio-temporal processing for communication	375/347
21	US 6105119 A	20000815	188	Data transfer circuitry, DSP wrapper circuitry and improved processor devices, methods and systems	711/219
22	US 5987129 A	19991116	20	Method of sharing cryptokey	380/279
23	US 5987128 A	19991116	20	Method of effecting communications using common cryptokey	380/279
24	US 5909559 A	19990601	186	Bus bridge device including data bus of first width for a first processor, memory controller, arbiter circuit and second processor having a different second data width	710/307
25	US 5771288 A	19980623	26	Multiple access coding for radio communications	380/270
26	US 5742678 A	19980421	26	Multiple access coding for radio communications	380/270
27	US 5666370 A	19970909	21	High performance error control coding in channel encoders and decoders	714/752
28	US 5594742 A	19970114	24	Bidirectional trellis coding	714/792

	Current XRef	Inventor
15	375/296	Raleigh; Gregory G.
16	718/100	Tang; Jun et al.
17		Olafsson; Sverrir et al.
18	375/140; 708/250	O'Farrell; Timothy
19		So; John Ling Wing et al.
20	375/346; 375/349	Raleigh; Gregory G. et al.
21	710/110	Kerr; Jeffrey L. et al.
22	380/28; 713/171	Baba; Yoshimi
23	380/28; 713/171; 713/202	Baba; Yoshimi
24		So; John Ling Wing
25	380/33; 380/34; 455/410; 713/163	Dent; Paul W. et al.
26	370/335; 380/28; 380/33; 380/34	Dent; Paul W. et al.
27	375/286; 714/786	Ganesan; Kalyan et al.
28	714/761; 714/787	Hemmati; Farhad

	Document ID	Issue Date	Pages	Title	Current OR
29	US 5455839 A	19951003	14	Device and method for precoding	375/265
30	US 5446758 A	19950829	12	Device and method for precoding	375/259
31	US 5388124 A	19950207	19	Precoding scheme for transmitting data using optimally-shaped constellations over intersymbol-interference channels	375/286
32	US 5353352 A	19941004	30	Multiple access coding for radio communications	380/37
33	US 5321725 A	19940614	23	Method and apparatus for communicating digital information such as compressed video using treillis coded QAM	375/265
34	US 5233629 A	19930803	13	Method and apparatus for communicating digital data using trellis coded QAM	375/262
35	US 5214672 A	19930525	36	Trellis precoding for fractional bits/baud	375/254
36	US 5159610 A	19921027	30	Trellis precoding for modulation systems	375/290
37	US 4949294 A	19900814	26	Computation circuit using residual arithmetic	708/491
38	US 4748626 A	19880531	23	Viterbi decoder with reduced number of data move operations	714/746

	Current XRef	Inventor
29	375/285; 375/296; 375/340; 375/346; 714/792	Eyuboglu; M. Vedat
30	375/265; 375/340; 714/792	Eyuboglu; M. Vedat
31	375/265	Laroia; Rajiv et al.
32	370/209; 370/342; 380/34	Dent; Paul W. et al.
33	348/155; 375/240.23; 375/339; 714/756; 714/784; 714/792	Paik; Woo H. et al.
34	329/304; 332/103; 375/265; 714/755; 714/759; 714/792	Paik; Woo H. et al.
35	375/265; 714/792	Eyuboglu; Vedat et al.
36	375/263; 375/265; 714/792; 714/793	Eyuboglu; Vedat M. et al.
37		Wambergue; Claude
38	375/262; 375/264; 375/286; 714/792; 714/795	Wong; Chin-Pan

	Document ID	Issue Date	Pages	Title	Current OR
1	US 6366600 B1	20020402	18	Spreader architecture for direct sequence spread spectrum communications	375/130
2	US 6181729 B1	20010130	35	Spread spectrum communication	375/130
3	US 5781583 A	19980714	11	Method and system for communication over multiple channels in a spread spectrum communication system	375/146
4	US 5696789 A	19971209	22	Apparatus and method for signal identification	375/130

	Current XRef	Inventor
1		Agrawal; Avneesh et al.
2	375/140; 708/250	O'Farrell; Timothy
3	370/342; 370/468; 375/130; 375/141	Bruckert; Eugene J. et al.
4	370/335; 370/342; 370/441; 370/527; 375/232; 375/367	Jones; Robert V. et al.